MARKED UP COPY OF AMENDMENT PURSUANT TO 37 CFS § 1.121 (b)(1)(iii)

Page 5, line 1 to page 5, line 12.

In response to video controller 140 being present in computer system 300, switching device 150 is set to provide video signals from video controller 140 to display device 160. Video controller 140 may be a higher cost, higher performance video controller than video controller 126. Computer system 300 includes an interface to allow video controller 140 to be installed. The interface includes a connection to chipset 120 and a connection to switching device 150. As described in more detail below, a determination is made as to whether video controller 140 is coupled to the interface, i.e. whether video controller 140 is present in computer system 300. The determination may be made [by] automatically or manually. If video controller 140 is present, then switching device 150 provides the video signals from video controller 140, rather than the video signals from video controller 126, to display device 160.

Page 5, line 21 to page 5, line 26.

Video controller 140 may be coupled to computer system 300 in various ways. In one embodiment, video controller 140 is installed in a slot on a motherboard of computer system [140] 300 to couple it to chipset 120. An additional connection from video controller 140 to the motherboard is used to couple it to switching device 150. In other embodiments, video controller 140 is coupled to chipset 120 and switching device 150 in other ways including through a single connector.

Page 5, line 28 to page 6, line 17.

In one embodiment, a program executable by processor 110 controls the operation of switching device 150, i.e. the program causes processor 110 to select the video signals to provide to display device 160. In this embodiment, the program includes instructions to cause processor 110 to determine whether video controller 140 is present in computer system 300, e.g. by determining whether a response is received from video controller 140 when its interface is queried. If video controller 140 is present, then instructions in the program cause switching device 150 to provide video signals from video controller 140 to display device 160. If video controller 140 is not present, then instructions in the program cause switching device 150 to provide video signals from video controller 126 to display device 160. The program may also include instructions that cause other functions associated with video controller 126, video controller 140, and switching device 150 to be performed. For example, instructions in the program may cause video controller 126 to be powered down in response to detecting the presence of video controller 140. In [a] computer system 300, the program may be a separate entity or may be included as part of a basic input output system (BIOS), firmware, or an operating system and drivers associated with video controllers 126 and 140. The program may also cause inputs to be received from a user and set switching device 150 based on these inputs.

Page 7, line 19 to page 7, line 28.

Fig. 5 is an embodiment of selected components of a computer system 500. In Fig. 5, a processor 110 is coupled to a chipset 120 that includes a bus – (I/O) controller [12] 122, a memory controller 124, an integrated video controller 126, and a switching device 150. A system memory 130 is coupled to chipset 120. Optional video controller 140 and memory 142 are also included in computer system 500. Video controller 140

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is coupled to chipset 120 using a port 144 such as an AGP port. Video controller 126 and video controller 140 are coupled to a switching device 150 as indicated by connections 128 and 144, respectively. Switching device 150 is coupled to a connector 222 as indicated by a connection 152, and a display device 160 is coupled to connector 222 as indicated by a connection 154.

ADDITION OF NEW CLAIM 21 PURSUANT TO 37 CFR § 1.121(c)(1)(i)

Please add the following new claim:

21.   (New) A method of providing a video signal to a display device in a scalable platform comprising:

providing a first video controller;

configuring an interface to receive a second video controller;

coupling a switching device to the first video controller and the interface;

configuring the switching device to provide a first signal from the first video controller to a first display device in response to the second video controller not being coupled to the interface; and

configuring the switching device to provide a second signal from the second video controller to the first display device in response to the second video controller being coupled to the interface.

REMARKS

Minor changes have been made to the specification. New claim 21 is added. Claims 1-21 remain in the application.

Entry of this Amendment to the specification and claims prior to Examination is courteously solicited.

No new matter is added by the amendments herein.

Respectfully submitted,

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on _____*Jan. 29, 2002*_____
Date

_____*Candice R. Rockett*_____
Signature

_____*CANDICE R. ROCKETT*_____
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